

EXERGEN

Exergen offers system solutions and technical application support for any thermal process requiring temperature measurement or control. More than 300 models of non-contact infrared sensors are available to provide accurate, reliable, and cost effective temperature measurements and control for your most demanding applications.

Models include:

- Standard IRt/c infrared thermocouple models, (J, K, T, E, R, S) with target temperature ranges from -50 to 5000°F; 12 fields-of-view from 1:2 to 100:1; minimum spot size 1mm; focused spot sizes of 4, 6, 8, or 12mm; low/high emissivity models for metal/non-metal targets; adjustable linearity models; size from 1.28 (32.5mm) long/0.5" (12.7mm) diameter. Various cooling, air purge, periscope options

available. Meets all NEMA standards.

- Handheld Microscanner models for accurate scanning of electrical equipment and NIST-traceable surface temperature calibration – a must for ISO 9001, 9002, 9003 programs.
- SnakeEye™ Sensor for production line quality inspection of thermal processes/thermal signatures at speeds of up to 1000 ft. per minute.
- IRt/c.2132 – a fully programmable controller preconfigured to interface with any IRt/c™ sensor for your specific application.

Exergen Sales Engineers are available for technical support and product recommendations via our site on the World Wide Web: <http://www.exergen.com>, by phone at 1-800-422-3006, or via fax 617-923-9911.



Distributed by:



EXERGEN CORPORATION
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EXERGEN

Nothing gets by SnakeEye™



Nothing



*SnakeEye Non-Contact
Sensors For Infrared Thermal Detection
100% Inspection. 100% Validation. Zero Scrap.*

SnakeEye: The first line of defense against production defects and unhappy customers.

Stealthy defects that used to slip through your best production line defenses will now sound the alarm – and get stopped cold, right on the line. That's because SnakeEye non-contact infrared thermal sensors

actually detect the undetectable. So defective products or packaging that previously found their way into customers' hands never leave your plant.

SnakeEye's breakthrough Infrared μ Calorimetry™ technology can detect the tiniest amount of heat energy in a product without ever touching it, accurately validating sealing integrity.

Whether hot-melt, cold glue, two-part mixtures, UV-activated or any other process, SnakeEye detects the presence – or absence – and precise position of adhesive on every product on the line. In fact, recent

controlled tests showed a SnakeEye-equipped line to deliver 99.997% perfect product, with just .003% scrap!

SnakeEye is small enough to mount easily on new or existing production line machinery, and can add value while cutting waste in any industry, product or process:

- **Case sealing:** SnakeEye verifies that hot-melt glue or other coatings have been properly applied; eliminates the possibility of scrap or defective shipping cases.
- **Packaging:** SnakeEye verifies sealing integrity on every package – no more "open flap" nightmares.
- **Bottling & Canning:** SnakeEye ensures that labels and laser-engraved date codes are applied to every container – and that product is inside even opaque containers.
- **Pharmaceutical:** SnakeEye instantly detects induction heater malfunction, missing labels or foil safety seals, enhancing

validation and cutting costly waste.

- **Press-Fit Manufacturing:** Interference-fitted metal or plastic parts release a distinctive, detectable heat pulse during manufacturing. SnakeEye ensures proper fit and perfect product.
- **Non-wovens:** SnakeEye ensures only high-quality product gets shipped – and cuts scrap to virtually zero.

For news about the latest applications for SnakeEye technology, or information about how SnakeEye can add value to your production machinery, call 1-800-422-3006 (617-923-9900 outside the U.S.). Or download complete details about all Exergen products from www.exergen.com.

SnakeEye detects the undetectable, whether it's a defective product on the line, or a B2 Stealth bomber in the sky (although we've been proven effective on production lines worldwide, we admit we've never actually tried to detect a B2).

 **EXERGEN**
1-800-422-3006
<http://www.exergen.com>
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PHARMACEUTICALS
 SnakeEye validates both product and packaging.



SnakeEye™ Sideview model (actual size)



MANUFACTURING
 SnakeEye ensures press-fit parts fit properly every time.



PACKAGING
 SnakeEye blows the whistle on missing hot-melt.



AUTOMOTIVE
 SnakeEye ensures sealants and adhesives are where they need to be.